

(No Model.)

M. H. DODGE.

SEA QUIETING APPARATUS.

No. 362,255.

Patented May 3, 1887.

Fig. 1.

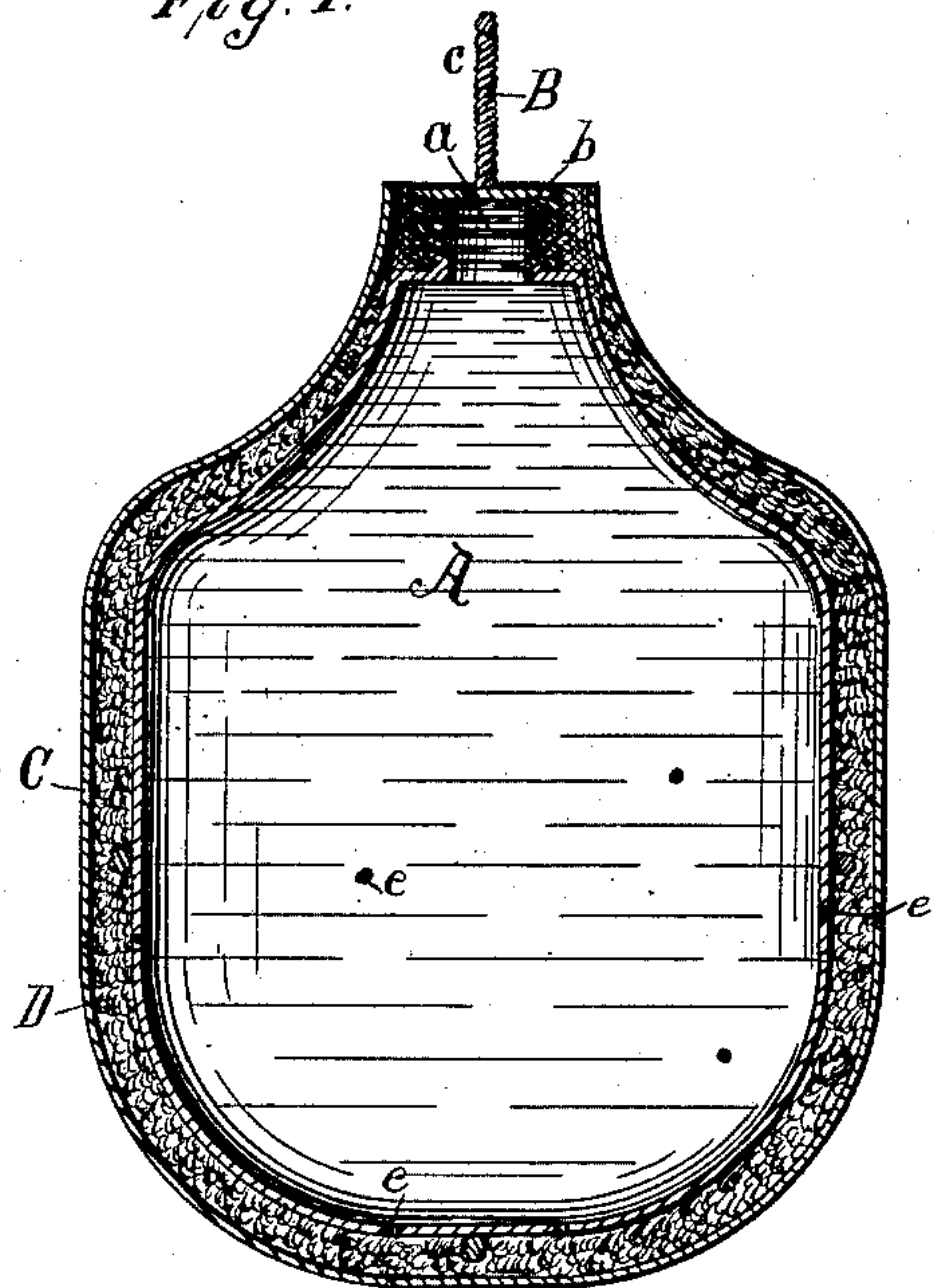


Fig. 2.

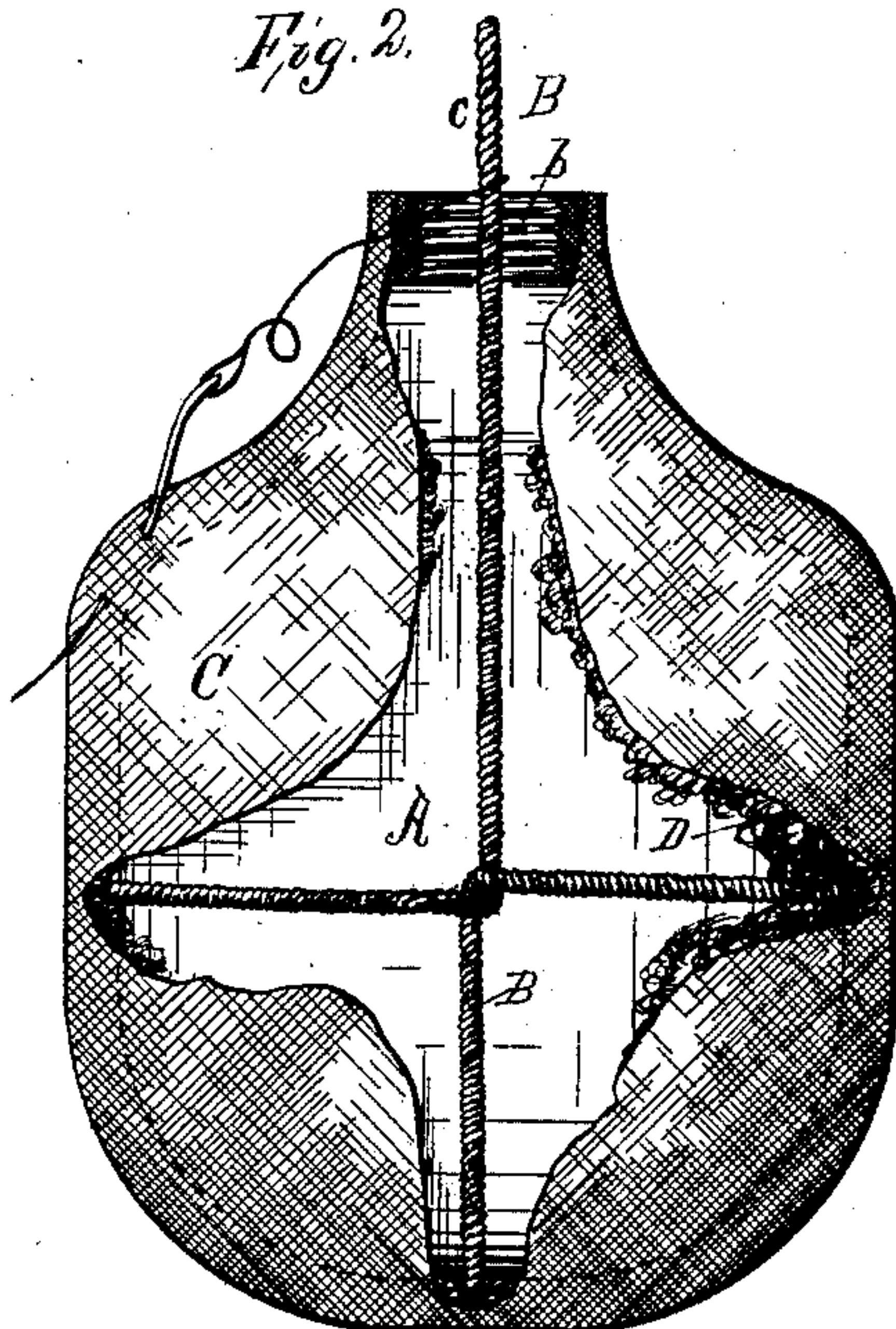
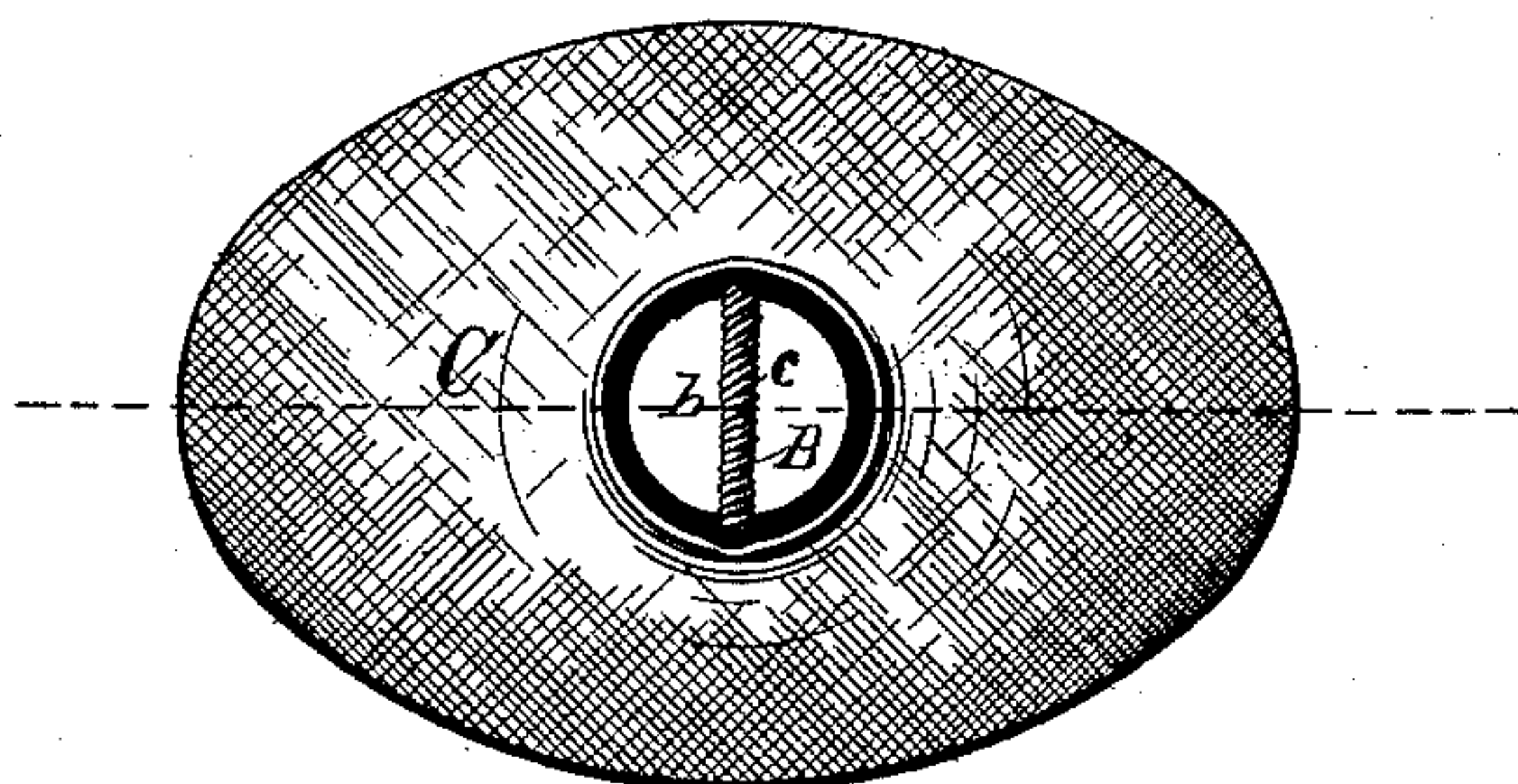


Fig. 3.



Witnesses  
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By His Attorney  
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# UNITED STATES PATENT OFFICE.

MORTIMER H. DODGE, OF CLEVELAND, OHIO.

## SEA-QUIETING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 362,255, dated May 3, 1887.

Application filed January 28, 1887. Serial No. 235,743. (No model.)

*To all whom it may concern:*

Be it known that I, MORTIMER H. DODGE, a citizen of the United States, residing at Cleveland, county of Cuyahoga, and State of Ohio, have invented certain new and useful Improvements in Sea-Quieting Apparatus; and I do hereby declare the following to be a description of the same, and of the manner of constructing and using the invention, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it appertains to construct and use the same, reference being had to the accompanying drawings, forming a part of this specification, the principle of the invention being herein explained and the best mode in which I have contemplated applying that principle, so as to distinguish it from other inventions.

My invention relates to oil-bags for quieting heavy seas.

It has for its object the production of an oil-bag which will always be filled with oil and in readiness for use, yet which will prevent leakage and evaporation of oil when not in use.

Referring to the drawings, Figure 1 is a central longitudinal section. Fig. 2 is a view in elevation with a part of the bag and packing torn away. Fig. 3 is a plan view, which shows also the needle for puncturing the can.

A is an oil-tight tin can shaped somewhat like a canteen, and holding, preferably, about two gallons of oil. At the top is a vent, *a*, with a screw-cap, *b*. Around the can a cord or line, *B*, is passed both longitudinally and laterally, to prevent slipping, and a loop, *c*, to which a line may be attached or by which the can may be hung up, projects beyond the cap.

C is the canvas bag inclosing the can, and D the absorbing envelope which is placed be-

tween the two. For this envelope I preferably use oakum; but other absorbing material may be used instead. The can is filled with oil and hung up ready for use in any convenient place. When it is necessary to use it a line is made fast to the loop and the cap is turned somewhat to admit the air to the can, and an ordinary sailor's needle, *d*, or other pointed instrument is thrust through bag, absorbing-envelope, and can, permitting the oil to run slowly out of the holes *e* thus made in the can into the absorbing-envelope and saturate it. This absorbing-envelope acts as a sponge to hold the oil, and it slowly oozes out of the bag or is washed out by the waves onto the troubled waters, and quickly and effectually quiets them wherever it may spread.

The bags may be hung overboard at the bow or stern of the vessel or in the waist, or they may be placed on the vessel or boat itself where the oil will drip overboard, as in the chutes, discharges, &c.

What I claim is—

1. In a sea-quieting bag, the combination, with an oil-tight can made of material adapted to be punctured, of an oil-absorbing envelope fitted about the same, substantially as set forth.

2. In a sea-quieting bag, the combination, with an oil-can made of thin metal adapted to be punctured and an oil-absorbing jacket about the latter, of a porous bag inclosing said jacket, substantially as set forth.

In testimony that I claim the foregoing to be my invention, I have hereunto set my hand this 25th day of January, A. D. 1887.

MORTIMER H. DODGE.

Witnesses:

J. B. FAY,  
C. B. NASH.